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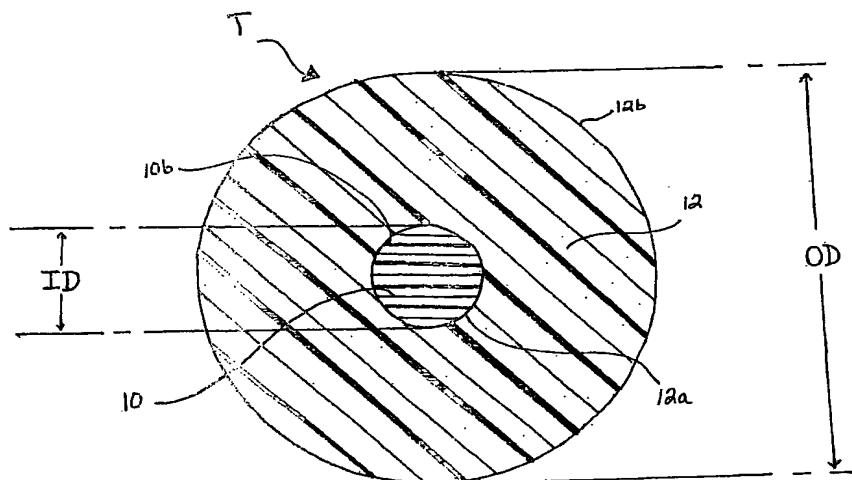
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(54) Title: **ENERGETIC LINEAR TIMING ELEMENT**



(57) Abstract: A timing element for an initiator is made from a reactive polymeric material such as, e.g., a glycidyl azide polymer. The reactive polymeric material may include pulverulent oxidizer additives, such as ammonium, perchlorate and/or ferric oxide. The oxidizer additives are used to increase the rate of reaction and the output spark of the polymer material. The timing element serves to delay the travel of an initiation signal between an input, such as a signal transmission input line, and an explosive output charge, for a predetermined period of time, usually about 5 to about 10,000 milliseconds, e.g., about 9 to about 9600 milliseconds.

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